

## DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I/We hereby declare that:

My/Our residence, post office address(s) and citizenship(s) are as stated below next to my/our name(s), and

I/We believe I/We am/are the original, first and sole inventor of the subject matter which is claimed (if only one name is listed below) or an original and first inventor of at least some of the subject matter which is claimed (if plural names are listed below) and for which a patent is sought on the invention entitled

### DETERMINATION OF WAVEGUIDE PARAMETERS

the specification of which

- ☐ is attached hereto.  
☒ was filed on **April 7, 2004**

as Application Serial Number: **10/820,088**

and was amended on (if applicable).

I/We hereby state that I/we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I/We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

### Prior Foreign Application(s)

I/We hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Filed (d/m/y) (11.04.2003) 11 April 2003	Issued (d/m/y)	Priority Claimed
United Kingdom	GB 0308355.7			Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
				Y <input type="checkbox"/> N <input type="checkbox"/>

### Prior United States Applications

I/We hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I/We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date (d/m/y)	Status (Patented, Pending, Abandoned)

And, I/We hereby appoint, both jointly and severally, as my attorney(s) and/or agent(s) with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorney(s) and agent(s), their registration numbers being listed after their names.

John J. Ryberg, 31,134; William B. Batzer, 37,088; Jody Lynn DeStefanis, 44,653; and Tim W. Curington, 45,944.

I/We hereby request that all correspondence be directed to:

Customer Number 37003  
Intellectual Property Law Department  
Schlumberger-Doll Research  
36 Old Quarry Rd., Ridgefield, CT 06877

and that all telephone calls be directed to Intellectual Property Law Department at (203) 431-5507.

I hereby declare (if sole inventor) or each of us hereby declares (if joint inventors) that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SOLE OR FIRST INVENTOR

Signature: Frank Adler Date: 19.04.2004

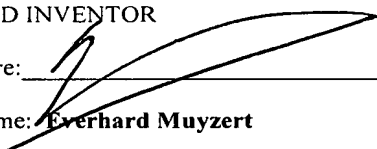
Full Name: **Frank Adler**

Residence: **27 chemin Lassegue, 64320 Idron, France**

Citizenship: **Germany**

Post Office Address: **27 chemin Lassegue, 64320 Idron, France**

SECOND INVENTOR

Signature:  Date: 22 April 2004

Full Name: **Everhard Muzert**

Residence: **48 Weavers Field, Girton, Cambridgeshire CB3 0XB, United Kingdom**

Citizenship: **The Netherlands**

Post Office Address: **48 Weavers Field, Girton, Cambridgeshire CB3 0XB, United Kingdom**

SCHLUMBERGER-DOLL RESEARCH  
36 Old Quarry Road  
Ridgefield, CT 06877-4108